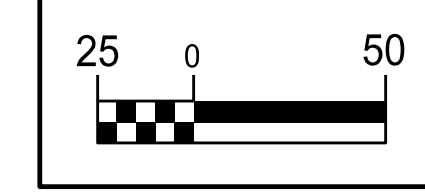


5/14/99

REVISIONS

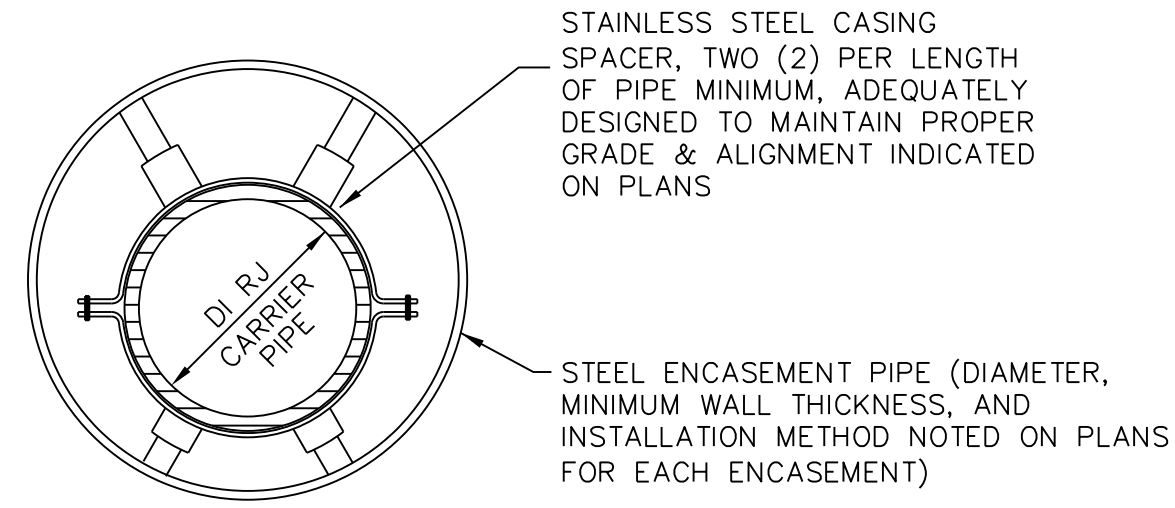
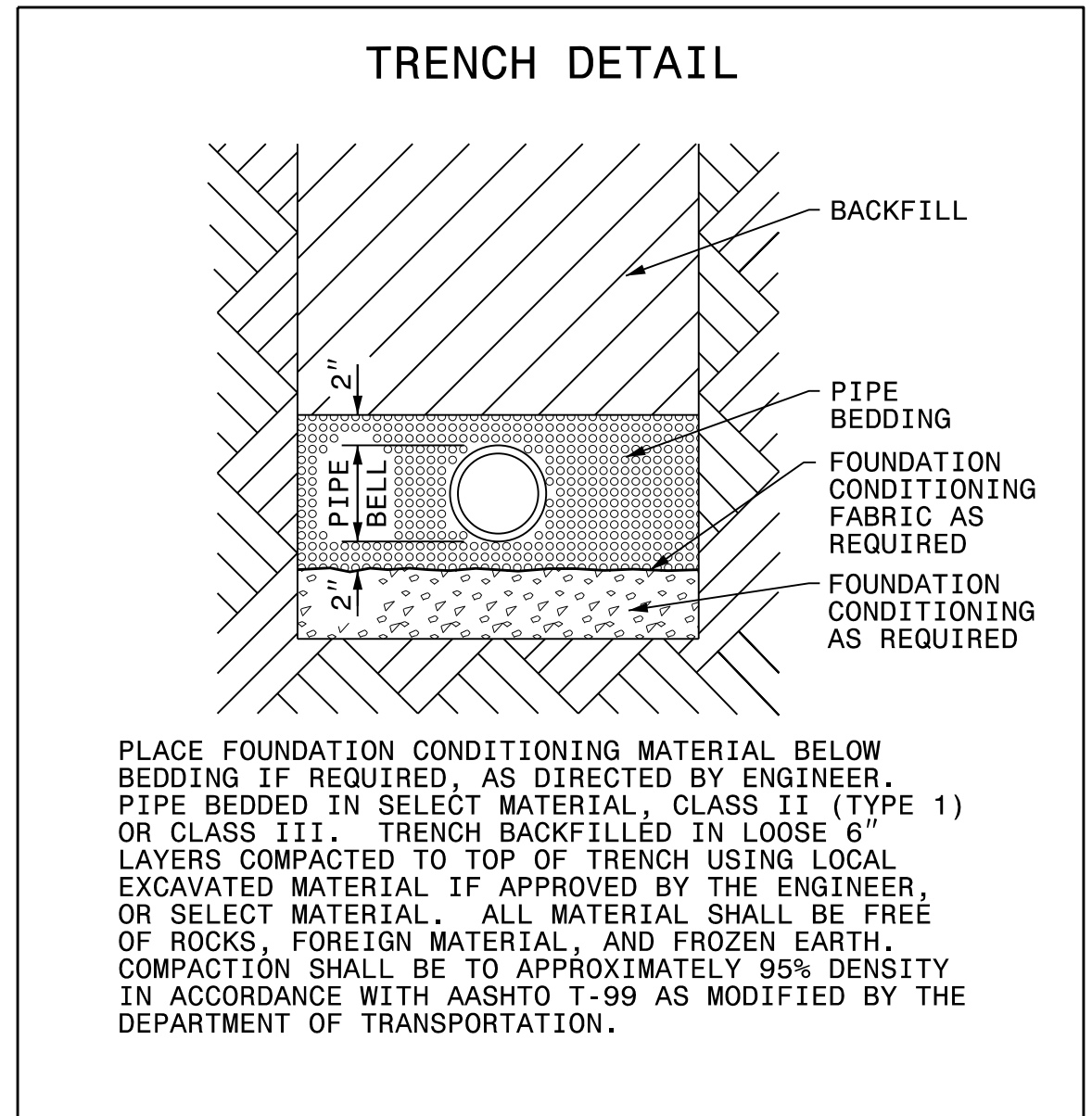


PROJECT REFERENCE NO. BR-0047	SHEET NO. UC-3A
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	3/19/2020 ANDREW P. LARRICK
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	UTILITY CONSTRUCTION PLANS ONLY

PROJECT TYPICAL DETAILS

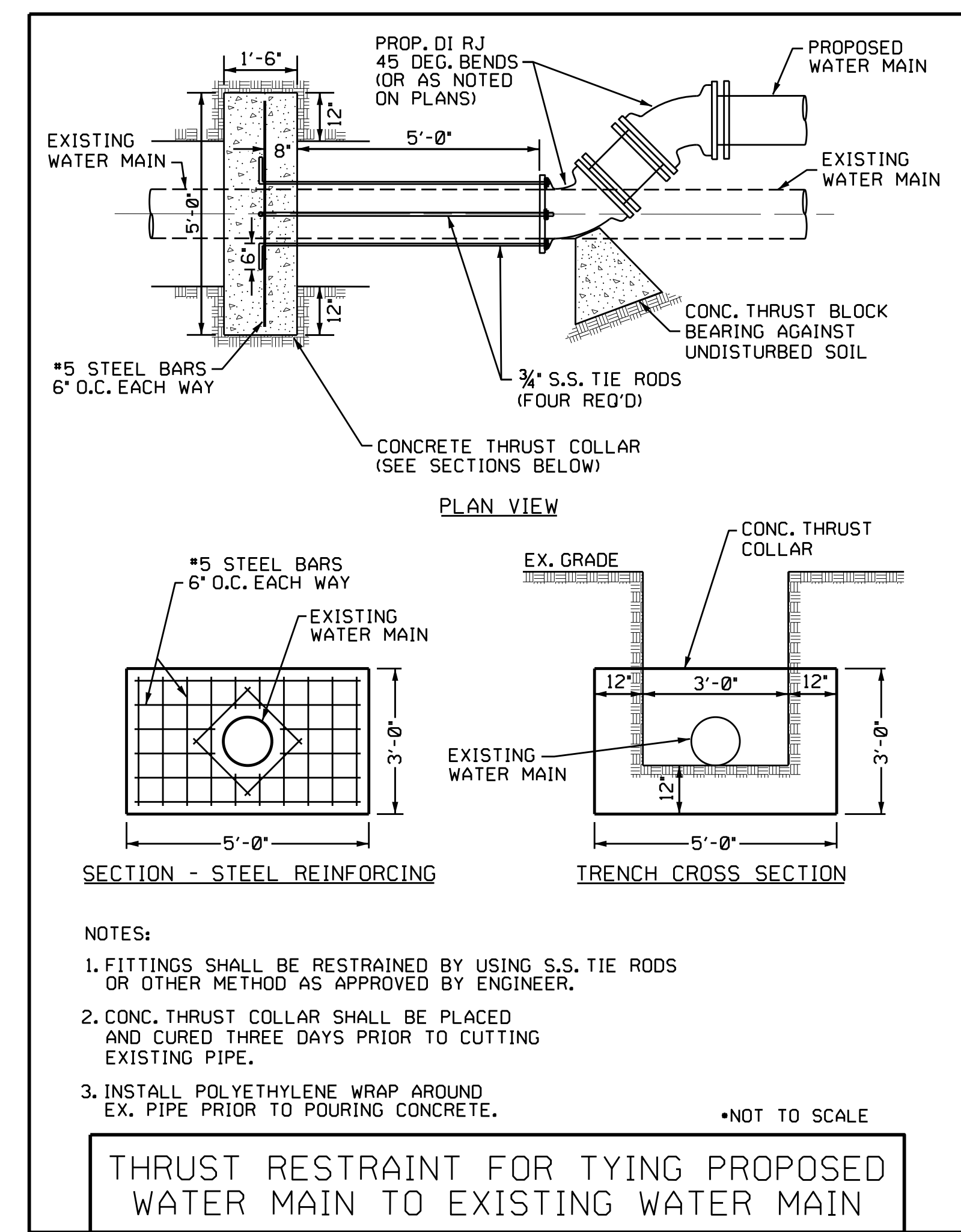
UTILITY CONSTRUCTION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)
4	28	20	44
6	30	24	48
8	32	30	54
10	34	36	60
12	36	42	66
14	38	48	72
16	40	54	78
18	42		



- NOTES:
1. ENCLOSE ENDS WITH BRICK MASONRY.
 2. PROVIDE 1" WEEP HOLE AT LOW END OF ENCASEMENT.

TYPICAL ENCASEMENT PIPE SECTION
N.T.S.



NOTE: CONCRETE THRUST COLLARS ARE SUGGESTED AT LOCATIONS WHERE PROPOSED WATER LINES WILL CONNECT TO EXISTING WATER LINES. PER DIVISION 15 OF THE NCDOT STANDARD SPECIFICATIONS, SECTION 1505-3-E, THE CONTRACTOR IS RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF THE THRUST RESTRAINT SELECTED FOR THE PARTICULAR APPLICATION. CONCRETE THRUST COLLARS, OR OTHER THRUST RESTRAINT DEVICES, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.